

A SNOW-TRAIL GROOMING VEHICLE
HAVING A CABLE WINCH THEREON
AND A METHOD FOR CONTROLLING THE CABLE WINCH

ABSTRACT OF THE DISCLOSURE

An apparatus and method for controlling the cable winch of a snow-trail vehicle by:

- detecting a chain speed or a magnitude proportional to the driving chain speed,
- detecting a cable speed or a magnitude proportional to the cable speed,
- comparing the detected chain speed and detected cable speed or the magnitudes proportional thereto, and determining a desired value for the cable speed or the magnitude proportional thereto taking into consideration the comparison result for controlling the cable winch.